IN THE SPECIFICATION

Please amend the following paragraph(s) of the captioned application, and/or add paragraph(s) to the captioned application, in accordance with the following annotations and/or mark-ups showing all change(s) relative to the previous version(s) of the paragraph(s) as required by 37 C.F.R. 1.121:

Replace the Abstract of the Disclosure (page 43 of the specification) with the following Abstract:

Methods and compositions for producing single-stranded cDNA (ss-cDNA) with a vector-based system in eukaryotic cells. In one embodiment, the vector comprises plasmid(s) that contain a reverse transcriptase/RNAse H gene and a cassette, which includes a sequence coding for a sequence of interest having an enzymatic sequence therein, an inverted repeat, and a primer binding site, which produces an RNA template from which the reverse transcriptase synthesizes ss-cDNA of a specified sequence. The ss-cDNA forms a "stem-loop" structure as a result of the inverted tandem repeat, forming a double stranded DNA stem with the sequence of interest in the loop. The double-stranded stem may also contain one or more restriction endonuclease recognition sites cleaved by the desired corresponding restriction endonuclease(s) so that the loop portion, or sequence of interest and sequence with enzymatic activity, is then released as single-stranded DNA. The plasmid may also include a second sequence of interest 3′ to the inverted repeats which is likewise produced with minimal vector sequence. *In vivo* transfections show expression of reverse transcriptase(s)/RNase H(s) within eukaryotic cells as well as synthesis of RNA transcripts with formation of the ss-cDNA for such therapeutic purposes as gene inactivation using duplex or triplex binding of nucleic acids, site-directed mutagenesis, interruption of cellular function by binding to specific cellular proteins, and interfering with RNA splicing functions.